


Residential Fire Safety:

주택화재안전 국제세미나 | International Seminar for Fire Technology

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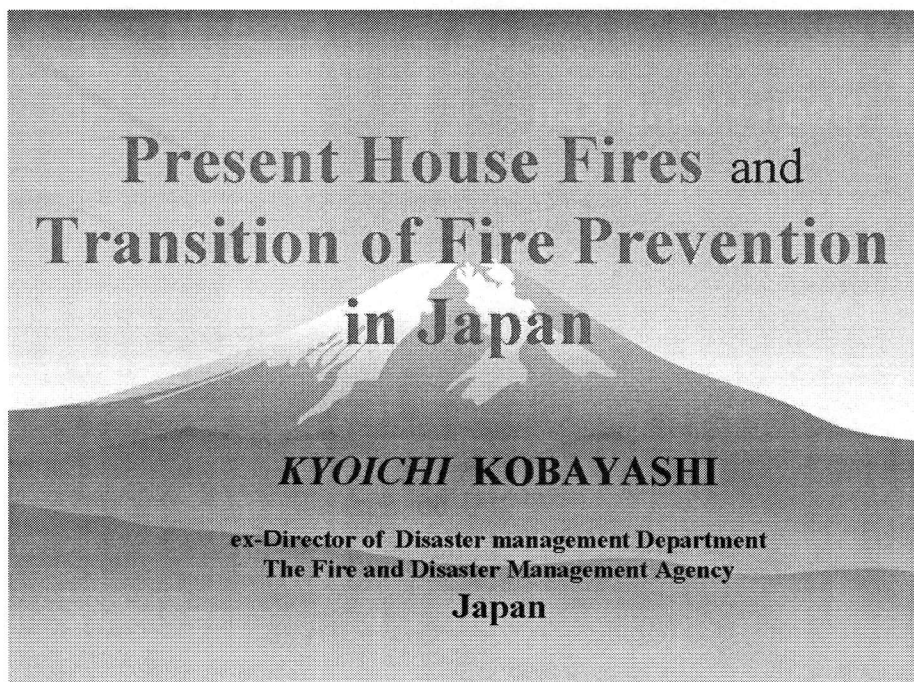


그림 1

일본 주택화재안전 대책

The Great Fire of Urban Area 1945-1965

- ◆ From 1945 to 1965, Japanese urban area suffered a succession of great fires.
- ◆ Although Japanese urban area was densely wooden built-up which would burn easily, fire defense system was not fully developed by reason of WW II .
- ◆ The government developed the Urban Planning Law, the Building Standard Law, the Fire Service Law, the Fire Defense Organization Law and so on to promote fireproofing cities and developing fire defense system.
- ◆ As a result, great fire of urban area has rarely occurred since 1965.

그림 2

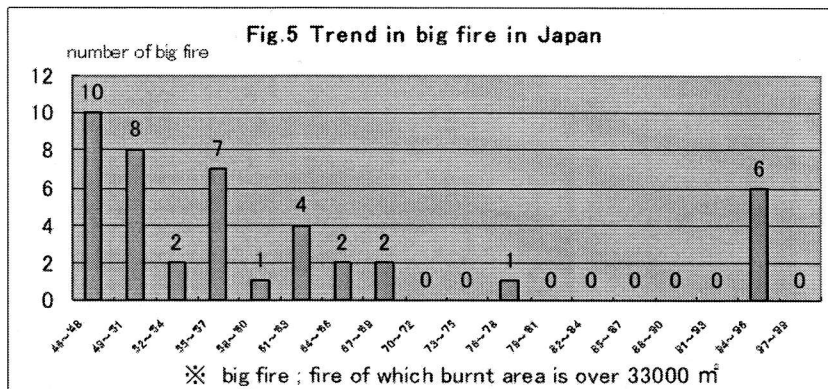


그림 3

Fire Prevention of Buildings for Business Use 1965-1990

- ◆ In place of great fires came the fire prevention of buildings for business use.
- ◆ Until 1965, there was not many information against fire prevention of large-scale and high rise buildings.
- ◆ The Building Standard Law and the Fire Service Law were not fully developed.
- ◆ After the postwar rehabilitation, high-growth period of the economy followed and numbers of Large-scale and high rise buildings for business use had been constructed.
- ◆ From 1965 to 1975, fire killing 30 to more than 100 people occurred frequently at these buildings.

그림 4

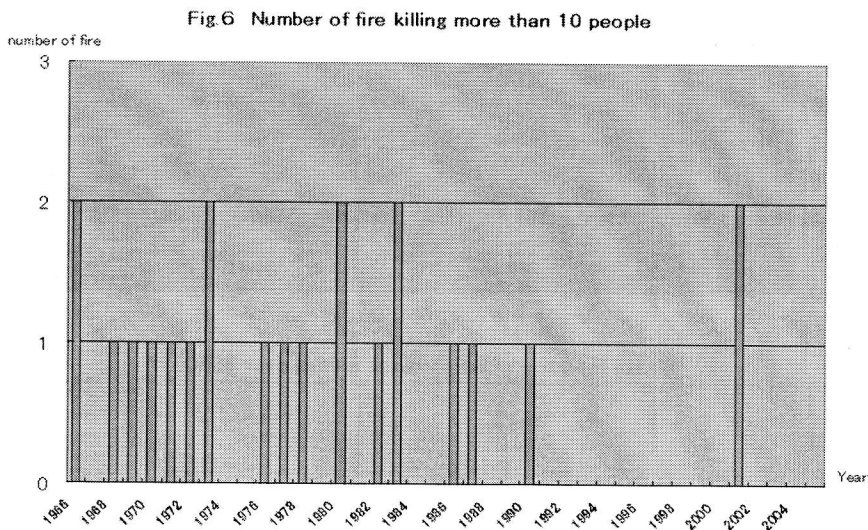


그림 5

Strengthening of fire prevention laws

- ◆ Around 1965, high rise buildings over 100m were constructed in Japan with the growth of economy and earthquake-proof technology.
- ◆ Fire prevention research on large-scale and high rise buildings for business use was promoted.
- ◆ In the period of 1965-1975, the Building Standard Law and the Fire Service Law were repeatedly strengthened to the level of present fire prevention control system.

그림 6

Effect of the strengthening of fire prevention laws

- ◆ Around 1970~1990, fire prevention of buildings including existing buildings progressed and number of deaths per 100 fires and the burnt down size per fire made rapid decrease.
- ◆ The revised Fire Service Law in 1974 retroactively applying the latest fire prevention measure to specific use buildings contributes to this effect.

그림 7